

**ABSTRACT**

A method for managing forwarding information in a router having a distributed architecture with a plurality of routing nodes. Forwarding information is dynamically aggregated, or disaggregated, in response to an addition or a deletion of forwarding information, so that the size of the forwarding tables managed by the routing nodes of the router are reduced. The transmission of control packets being transmitted to update the forwarding tables is reduced; consequently internal traffic is also reduced.